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AMSAT NEWS SERVICE
ANS-129

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, The Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor(a)amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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AMSAT News Service Bulletin 129.01
To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
 712 H Street NE Suite 1653
 Washington, DC 20002

DATE 2021 May 9

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The transponder has remained active in both eclipse and sunlight since May 4th. W2RTV observed frequency jumping while the satellite apparently rebooted in eclipse.

JO-97 is a project of the Crown Prince Foundation of Jordan and was launched on Spaceflight's SSO-A mission aboard a SpaceX Falcon 9 on December 3, 2018 contains an AMSAT-UK/NL FUNcube linear transponder and telemetry beacon that can also transmit stored SSDV digital images.

[ANS thanks various satellite operators for the above information]

DIY-1 Designated DIY-OSCAR 111 (DO-111)

On March 22, 2021, the DIY Satellite Group DIY-1 PocketQube was launched on a Soyuz-2-1a Fregat launch vehicle from Baikonur, Kazakhstan. DIY-1 carries a deorbiting device experiment, and a CW/RTTY/FSK beacon. Further information is available at http://diysatellite.com/

At the request of the DIY Satellite Group, AMSAT hereby designates DIY-1 as DIY-OSCAR 111 (DO-111). We congratulate the owners and operators, thank them for their contribution to the amateur satellite community, and wish them a long mission and continued success on this and future projects.

More information about OSCAR numbers can be found at https://www.amsat.org/oscar-numbers-policy/

[ANS thanks Drew Glasbrenner, KO4MA, OSCAR Number Administrator, for the above information]

NO-104 (PSAT2) Update

Looks like PSAT2-1 DTMF log shows first 2-way DTMF contact between N3CRT and KN2X QSO numbers 86 and 87.

And a total of 17 unique DTMF users:

LW2EE,KI6TSF,KE4AZZ,N3CRT,NN2K,N6AJ,PY5LF,PI6TSF,KK4YEL,
K3CRT,KN2K,YD0NXX,P3CRT,F5VKV,KE6BLR,2E0CRV,AB8SA

Though N3CRT, P3CRT and K3CRT are probably the same person.

Since recovery on 26 April, PSAT2 appears completely healthy.
http://aprs.org/psat2.html

[ANS thanks Bob Bruninga, WB4APR, for the above information]

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CubeSX-HSE - NORAD Cat ID 47952 (Thanks to Nico Janssen, PA0DLO)

[ANS thanks Ray Hoad, WA5QGD, AMSAT Orbital Elements Manager, for the above information]

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on Monday evening. Check https://twitter.com/uvsqsat for more details (via F6KRK Radio Club)

+ Satellite DXCC league tables are now live on Club Log. See https://clublog.org/satleague.php. Do let me know if any data appears in the wrong columns! A special thank you for the excellent help getting this bootstrapped on Twitter, much appreciated. (via G7VJR)

+ Amateur Radio on the International Space Station, Inc. (ARISS-USA) is seeking volunteers to support their mission. Details at https://www.amsat.org/ariss-usa-volunteer-search/

+ Arduino's Project Hub has published details of an antenna turret project that points in the direction of the ISS or any other satellite. Details at https://create.arduino.cc/projecthub/viorelracoviteanu/antenna-turret-toy-with-computer-tracking-11de96

+ Several new products are available on the AMSAT Zazzle store, including a set of coasters, a watch, a t-shirt featuring the AMSAT round logo, and more. Check out the new items! 25% of the purchase price goes towards Keeping Amateur Radio in Space. https://www.zazzle.com/amsat_gear

+ All issues of The AMSAT Journal dating back to 2014 are now available to AMSAT members on AMSAT’s new membership portal. The 1969-2013 archive will be added at a later date. All editions of AMSAT’s Symposium Proceedings are also available for members. If you’re a current AMSAT member, get logged on today. If you are not yet a member, consider joining today at https://launch.amsat.org/

+ The 2020 edition of AMSAT’s Getting Started with Amateur Satellites is available on the AMSAT store. A perennial favorite, Getting Started is updated every year with the latest amateur satellite information, and is the premier primer of satellite operation. The book is presented in DRM-free PDF format, in full color, and covers all aspects of making your first contacts on a ham radio satellite. The digital download is available for $15 at https://tinyurl.com/2020GettingStarted. The print edition is $30 plus shipping and is available at https://tinyurl.com/GS2020Print

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In addition to regular membership, AMSAT offers membership in the President’s Club. Members of the President’s Club, as sustaining donors to AMSAT Project Funds, will be eligible to receive additional benefits. President’s Club donations may be made at https://www.amsat.org/join-the-amsat-presidents-club/

Primary and secondary school students are eligible for membership at one-half the standard yearly rate. Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.

Join AMSAT today at https://launch.amsat.org/

73 and remember to help Keep Amateur Radio in Space,

This week’s ANS Editor,

Paul Stoetzer, N8HM
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